



Section D

River Corridor Waste Management

PROJECT MANAGERS

B. Bilson, RL
(509) 376-6628

N.C. Boyter, FH
(509) 373-3725

INTRODUCTION

The River Corridor Waste Management consists of the 300 Area Liquid Effluent Treatment Facility, Project Baseline Summary (PBS) RL-RC05, Work Breakdown Structure (WBS) 3.1.5.2.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2002.

NOTABLE ACCOMPLISHMENTS

The 300 Area Treated Effluent Disposal Facility (TEDF) — During the month of April, the 310 TEDF Facility treated 3.87M gallons of wastewater, and the TEDF outfall inspection was completed.

SAFETY

Safety and Conduct of Operations information is reported in section E.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Permit By Rule Treatment at 300 Area TEDF — FH investigated the potential to treat limited categories of liquid non-radioactive hazardous wastes using the existing capabilities of the 300 Area TEDF by applying a permit exclusion available within the waste regulations. Treatment of hazardous wastes at TEDF could provide a low-cost option for disposal of some wastes currently sent off-site. While initial implementation activities are planned through the remainder of FY 2002, full implementation will be delayed to FY 2003 due to funding constraints.

Opportunities for Improvement

None to report.

UPCOMING ACTIVITIES

Effluent Tank — Replace effluent tank by April 2002. (Deferred to 2003 due to funding constraints.)

TEDF Database Servers — Upgrade TEDF database servers by April 2002. (Deferred to May 2002 to include related upgrade.)

MILESTONE ACHIEVEMENT

None to report.

PERFORMANCE OBJECTIVES

None to report.

FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS RC05	300 Area Liquid Effluent Treatment Facility								
WBS 3.1.5.2		2,041	2,232	1,790	191	9%	442	20%	3,687
Total RC05		2,041	2,232	1,790	191	9%	442	20%	3,687

FY TO DATE SCHEDULE / COST PERFORMANCE

The favorable schedule variance of \$0.2M (9 percent) is within established thresholds. The favorable cost variance of \$0.4M (20 percent) is due to lower than planned labor, contract and travel costs.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (+ \$0.2M)

The schedule variance is within threshold.

Cost Variance Analysis: (+ \$0.4M)

300 Area Liquid Effluent Treatment Facility — 3.1.5.2/RC05

Description and Cause: The favorable cost variance was primarily due to lower than planned labor, contract and travel costs.

Impact: No Impact.

Corrective Action: No corrective action required.

ISSUES

Technical Issues

Issue: 310 Diversion tank DV-T leak repair.

Impact: The tank accounts for approximately 40 percent of the 310 TEDF reserve holdup capacity.

Action Plan: Delayed for warmer weather (constant 40–50 degrees) for proper coating adhesion.

The tank has been reopened in preparation for repair scheduled for the week of May 20, 2002.

Regulatory, External, and DOE Issues and DOE Requests

None to report.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

None to report.